MAR 27 2006 W

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.

:10/659,090

Confirmation No.:2724

Applicant

:Christopher J. Nagel

Filed

:September 10, 2003

TC/A.U.

:1751

Examiner

:Mark T. Kopec

Docket No.

:2751.2001 US2

Title:

COMPOSITION OF MATTER TAILORING: SYSTEM I

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:

3/23/or

Bate

Signature

Rachel Meehan

Typed or printed name of person signing certificate

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DECLARATION UNDER 37 CFR 1.132

Sir:

I, Christopher J. Nagel, of 28 Highland Circle, Wayland MA 01778, am the sole inventor of the above identified application.

I am attaching an Excel spreadsheet of the data obtained from the following third party companies of the manufactured copper ingot (14-00-01) presented in the application: GDMS was obtained from SHIVA Technologies of Syracuse, New York; XRF was obtained from the University of Western Ontario, London, Ontario; PIXE was obtained from Elemental Analysis Incorporated, Lexington, Kentucky, and; GDOES was obtained from Twin Analytical of Independence, Ohio. The analysis is consistent with

Application No.: 10/659,090

Declaration by Christopher J. Nagel

the X-ray fluorescence (XRF) data presented in the application. The third party data confirmed that the manufactured copper ingot contains a different elemental signature that is different from the naturally occurring copper. The unique electronic characteristic of the manufactured copper is not a result from impurities but rather is an intrinsic property of the copper itself.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Christopher J. Nagel

Column	Compare at	date	1	1/13/2005			10/28/2005				10/24/2005				. 11/21/2005				1/6/2006			1/6/2006		
March Marc			П	GDM3			Г	GI	XMS			XRF-	w	•					_	GDOES		GDOES		
Martin M		precision sample type			Confidence Intervel] - '							L		Limit			
Marting Mart	ppm						1											-]	Copper		
Martin	\/		H				1	14-00-01			4				ł			'	-		`			3
Total		workup	Н	^	Average		ł				-				ł		ent							A- 15 141
The column The			⊩	_		99.9999	⊢	extel	_ '	9C186	-	60080		racia;	┢╌	excel		racts)	40-45	AVE 0.05-13	Ave 13-133	40-45	AWE 0.03-13	AVE 13-11.
1			╫		-		1-	1-	-	\vdash	+-	 			H		Н		_	 	†	-	1	1
The color The			#:	1 .			-	1.	1	1 001	1	$\overline{}$			Г		Н							
S			#.	1			1	· · · · ·	t^-		1				Г				1					
The column Column			11-	1	0.0010	#DIV/01			Г		1				Г								- 11	
T			ΙT	1			Т	T -	Г		1.				L				L.	63.25				
The column The			İΤ	-			Τ		T	-	1-													
1			П	-			Γ	-			\Box					235250		128880	1683	3290	1534	634.3	3142	678.9
The color of the	9	F	Г												L									
The color of the	10	Ne	L		L		L	<u> </u>	1_		_	<u> </u>	L		L				ļ		<u> </u>			ļ
The color The			Щ.	ļ			I _	 _	 _		1-				├	.	H		-					
The color of the			#-	ļ			 _	-	-		 -		 -		-		-					241,4		231.7
15			 -	<u> </u>			-		-		-		┞	6040	-		Н		50.15	250.6	31./1	-	120.0	
Temporal Color			#-	-			-	 	-	-	+-	8530	⊢	3040	1-	1400		6320	1977	1450	2105	2435	2158	2598
T			╟╌	-			1-	74	-	74	+-	-	\vdash		-			_						
1			╫╌				۱		\vdash		+-	112	┢	162	\vdash	350 719		212 406	1 20.7	10.25	20.17			
1			1	1			Т				1	<u> </u>	Η		1-		Н		1		T			1.
State			#	1	0.0300	#DIV/OI	1		1		1		1				П		T-					
The control Section			11				Γ				Ι	Γ	Γ				Г		20.75	24.22				
The color of the			1										Г			L								
The column The			\mathbb{L}		0.0114	0.0302							\Box	53			\Box					$ldsymbol{oxed}$		
25			IL				L		\Box		ļ		Ĺ				Ĺ		<u> </u>					
Secondary Seco			II.	lacksquare			L	ļ	_		1_		ŀ		1_	 	L		_	ļ	<u> </u>	L	<u> </u>	ļ
Total			#-				 -	<u> </u>	-		1-		1		-		\vdash		1		-		44 ==	
78			#-				-	 	-	\vdash	+	53	-	-	\vdash	472.395	\vdash	461.03						
29			╙				1	-	\vdash	\vdash	-	-	1	<u> </u>			-	 	26.56	56.74	52.08	40.65	37.93	40.97
30			#-	1000	0.5520	1.0535	-	80.00	\vdash	Maria.	+	801100	1	902300	1	781500	⊢	862220	gotenn	garoon	gasson	906100	gasson	gasann
31			╟	MARIETIX			\vdash	- MARION	+	metarx.	+-	## 1100	+	553300	1	101300	⊢	002230	893000	883800	20000	330100	223300	
33			#-	\vdash	_	\vdash	1	\vdash	 		1	_	-	 	-	 	┢		1		1	 	 	1
33			#	1			1	—	t^-	\vdash	1		\vdash	\vdash	1	t	\vdash		1	—	1		-	
34			1	1	0.4760	0.8351	-	1	1				T		1	I	Γ.							
35			╓								Γ		L		Г		Γ							
37			П																					
38	38	Kr	I																					
39	37	Rb	L				L		L	\Box	1_		L		_	L	乚		<u> </u>		<u> </u>		<u> </u>	ļ
40 72			_	1			1_		<u> </u>		4_		L		<u> </u>		L				<u> </u>			ļ
41			II.				1_	ļ	-		!		_		<u> _</u>		L		<u> </u>		ļ <u>.</u>	<u> </u>		ļ
12			₩.				 _	├	├-				⊢	<u> </u>	-	<u> </u>	H		1		-			ļ
State Color Colo			╂	1			-	 	├	-		ļ	⊦		-		H		 	 -				
44			╟	1	0.0153	0.0390	╀		-	-	-		├-		⊢		⊢		 			-		-
46			╂	-			┢	├	┢	-	1		⊢	-	├		Н		-		 -		 -	
40			╫╴			-	┰	 	-		-	372	H	315	\vdash		Н				 	 		
47		_	#				1		\vdash		1	-	1		1		Г							
44					8.7800	10.2431													42.7	43.75	40.91	42.83	43.48	42.11
50 Sn	· 48	Cd_	IL.				L		L		L		L		Ŀ		L		-					ļ
51			╙	Binder			 		L		-	ļ	L	ļ	<u> </u>		L			ļ				<u> </u>
\$22			╂				⊢	<u> </u>	├-			!	┞		-	ļ. —	⊢		113.7	141,1	116.3	126.1	158,7	126.8
\$33			╫	1			-		\vdash	-	-	-	-		-		r		71.09	45.84	87.97	97.42	91.3	106.8
Set			t۲		-	110,100	 		1		1		1		_		Г		1				-	1
55			Ħ				1		\vdash		1		t	t	Т		Г				· · · ·			1
57			I										1											
59	56	Ba	IL		0.0035	0.0060																		
Second S			IL	\vdash			Ĺ		匚	ш	L		Ĺ	105	L		Ĺ	\vdash	_		L	\vdash	L	
60 Md 61 Pm 62 Sm 63 Eu 63 Eu 64 O2d 65 Tb 68 U7 67 H6 68 E7 70 Yb 71 Lu 77 Lu 77 Lu 77 Re 78 O3 69 S 78 U 78 O3 60 S 78 U 79 Mu 60 Hg 60 S 78 U 79 Mu 60 Hg 60 S 78 U 79 Mu 60 S 78 U			IL.		<u> </u>		1	<u> </u>	1		1	<u> </u>	L	<u> </u>	_	ļ	L	<u> </u>	-	ļ	ļ	<u> </u>	ļ	ļ
61 Pm			1	├ ─	ļ	├ —-	1		-	$\vdash \vdash$	-	<u> </u>	├-	 	-	<u> </u>	-	ļ	 		<u> </u>	 		
62 Sm			#-	 	l		-		├	 	-		Ͱ	\vdash	-		Η	 		<u> </u>	 	-		
63 Eu			#-			\vdash	+		\vdash		+-		+-	 	1-		H		-	 	 		 	
64			╟	 			┢	 	 -		\vdash	 	t		1		Н		 		 	 -		
05			I			-	<u> </u>	—	Г	Н	t	<u> </u>	T		Т		Н			—				—
68				Ŀ		·	Γ	L			Г		Γ				Г			L	I			
87			I								Г		C											
SS		Ho	I	<u> </u>					匚	Ш			匚		Ĺ		Ĺ							\bot
70			1	<u> </u>			L	<u> </u>	<u> </u>	oxdot	1		L		L		Ш		<u> </u>			<u> </u>	<u> </u>	
71			#	-			1		1-	$\vdash \vdash$	-		1		<u> </u>		Н		-		 		ļ	
72			#	 	<u> </u>		-	 	-		+-		⊢	149	-		Н	\vdash	-	—	 	₩		
73			#-		ļ		\vdash		 -	$\vdash\vdash$	╁	 	\vdash		-		Н		 		 		 	
74 W 0.2183 1.1674 128 135			╫				-		-	$\vdash\vdash\vdash$	+	-	+	\vdash	1		Н		 - 		 	 	 	
75 Re Ob			H-	 	0,2183	1,1874	1	-	\vdash	\vdash	+-		\vdash	\vdash	\vdash		Н	\vdash	 	 	 		 	
78 Os			#	\vdash			t	\vdash	1		t^-	126	1	155	<u> </u>		Н		 	l	 		l	1
77			1				1	1			1		1				Н				 			
78 Pt							Γ	L			Г	118	Г	78							L		L	
79 Au		Pt	I										C											
61			ΙĹ				1	1	П	اتنا	L		Ĺ		ب		Ц		<u> </u>			<u> </u>		
82 Pb 0.7620 1.9283			1	1			L	<u> </u>	\vdash	$oxed{oxed}$	1	<u> </u>	1	اـــــا	_		Ц		<u> </u>	<u> </u>		<u> </u>		-
83 Bi 0.1760 0.2922			#				-				-	 	-		Щ		Н		<u> </u>			-	ļ	-
84 Po			#	-			\vdash	<u> </u>	-	\vdash	+		-		-		Н							
65 AI 66 Rn 7 Fr 7 Fr 8 7 7 Fr 8 7 7 Fr 8 7 7 Fr 9 7 7 Fr 9 7 Fr			#-	 	U.1760	0.2922	\vdash		-		+	 	\vdash	\vdash			Н		47.61	115.1	51.53	33.71	148.5	34.63
96 Rn 87 Fr 8			-	 			1-	 —	H		╁		-		H		Н		-					
97 Fr 88 Ra 99 Ac 90 Ac 99 Ac 90 Ac			#-				+	-	-		+		-	-	1		Н		 					
88 Ra 99 Ac 90 Th 91 Pa 99.00% 100.20% 78.475 87.114 200.00 110.30			#				1-	+-	1		†		1	-		-	Н		1-		 	 	l	1
89 Ac			11-				1	 			†	$\overline{}$	\vdash	\Box			Н		 		 			-
90 Th 91 Pa 95.00% 100.20% 78.475 87.114 200.00 110.30			ľ								Γ		Γ				П							
91 Pa 92 U 989.00% 100.20% 78.475 87.114 200.00 110.30								Γ			Γ		Γ											I
99.00% 100.20% 78.475 87.114 200.00 110.30			\mathbb{L}						L															L
	92	υ	Ľ				Ľ		\Box				\Box											
			I				Г				匚	99.00%	Г	100.20%		78.475		87.114			200,00			\$10.30
			L								匚		Ľ										L	0.2

3/20/2006 8:23 AM

1 of 1

14-00-01-999999 entire